

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Carl P. Taussig
Serial No. 09/716,198
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Confirmation No. 6159
Examiner A. M. Psitos
Group Art Unit: 2653

For: OPTICAL DISK HAVING ZONE CONSTANT ANGULAR VELOCITY
WOBBLE

8/A
(N-E)
MDJ
1-24-03

Assistant Commissioner for Patents
Washington, D.C. 20231

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AMENDMENT PURSUANT TO 37 CFR 1.116

Technology Center 2600

Please cancel claims 3 and 9.

Please replace claims 1, 4, 8, 10 and 15 with the following, and add claims
21-26.

1. An optical storage medium comprising:
a recordable medium; and
a groove in the recordable medium, the groove having a constant angular
velocity wobble, wherein wobble cycles of the groove form a plurality of
concentric zones and wherein wobble cycles in the same zone are spatially
coherent.

4. The medium of claim 1, wherein the wobble cycles in the same zone
subtend the same angle; and wherein the wobble cycles in different zones
subtend different angles.

8. The medium of claim 1, wherein the groove has the same number of
wobble cycles as a groove having CLV wobble.

10. The medium of claim 1, wherein wobble cycles in the same zone are
completely out-of-phase

Do not cancel

15. The medium of claim 11, wherein wobble cycle period is stepped from zone-to-zone.

21. The medium of claim 1, wherein wobble cycles on at least two adjacent tracks are spatially coherent.

22. The medium of claim 7, wherein each zone includes a plurality of tracks.

23. The medium of claim 1, wherein the optical storage medium is a DVD disk.

24. The medium of claim 11, wherein wobble cycles on at least two adjacent tracks are spatially coherent.

25. The medium of claim 15, wherein each zone includes a plurality of tracks.

26. The disk of claim 19, wherein the disk is a DVD disk.